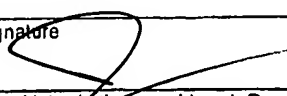


Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) FEB 21 2006 PATENT & TRADEMARK OFFICE	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 17601-043001	Application No. 10/630,345
	Applicant Joseph A. Zupanick			
	Filing Date July 29, 2003		Group Art Unit 3673	

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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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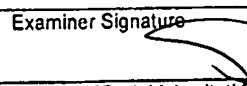
Examiner Signature 	Date Considered 3/16/06
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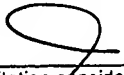
Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
OK	B1	WO 98/25005	06/11/1998	WIPO			N/A	
	B2	WO 2005/003509 A1	01/13/2005	WIPO			N/A	

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	C3	Daniel J. Brunner, Jeffrey J. Schwoebel, and Scott Thomson, "Directional Drilling for Methane Drainage & Exploration in Advance of Mining," Website: http://www.advminingtech.com.au/Paper4.htm , printed April 6, 2005, Copyright 1999, Last modified August 7, 2002 (8 pages)
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	C6	Calendar of Events - Conference Agenda, Fifth Annual Unconventional Gas and Coalbed Methane Conference, October 22-24, 2003, in Calgary Alberta, Website: http://www.csug.ca/cal/cal0301a.html , printed March 17, 2005, 5 pages

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	C8	CSIRO Petroleum – SIMEDWin, "Summary of SIMEDWin Capabilities," Copyright 1997-2005, Website: http://www.dpr.csiro.au/ourcapabilities/petroleumgeoengineering/reservoirengineering/projects/simedwin/assets/simed/index.html , printed March 17, 2005, 10 pages
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	C13	Solutions From the Field, "Horizontal Drilling, A Technology Update for the Appalachian Basin," Copyright 2004, Website: http://www.pttc.org/solutions/sol_2004/535.htm , printed March 17, 2005, 6 pages
	C14	R. Purl, J.C. Evanoff and M.L. Brugler, "Measurement of Coal Cleat Porosity and Relative Permeability Characteristics," SPE 21491, Society of Petroleum Engineers, Copyright 1991, pp. 93-104
	C15	Peter Jackson, "Drilling Technologies for Underground Coal Gasification," IMC Geophysics Ltd., International UCG Workshop – October 2003 (20 pages)
	C16	Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration (3 pages), International Search Report (3 pages) and Written Opinion of the International Searching Authority (5 pages) re International Application No. PCT/US2005/002162 mailed April 22, 2005
	C17	Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration (3 pages), International Search Report (3 pages) and Written Opinion of the International Searching Authority (5 pages) re International Application No. PCT/US2005/005289 mailed April 29, 2005
	C18	Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration (3 pages), International Search Report (5 pages) and Written Opinion of the International Searching Authority (5 pages) re International Application No. PCT/US2004/036616 mailed February 24, 2005
	C19	Notification of Transmittal of International Preliminary Examination Report (1 page) and International Preliminary Examination Report (3 pages) for International Application No. PCT/US03/13954 mailed April 14, 2005

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	Applicant Joseph A. Zupanick		
	Filing Date July 29, 2003	Group Art Unit 3673	

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Examiner Initial	Desig. ID	Document
	C20	Notification of Transmittal of International Preliminary Examination Report (1 page) and International Preliminary Examination Report (5 pages) mailed January 18, 2005 and Written Opinion (8 pages) mailed August 25, 2005 for International Application No. PCT/US03/30126
	C21	Notification of Transmittal of the International Search Report or the Declaration (3 pages) and International Search Report (5 pages) mailed November 10, 2000 for International Application No. PCT/US99/27494
	C22	Notification of Transmittal of International Preliminary Examination Report (1 page) and International Preliminary Examination Report (6 pages) mailed April 2, 2001 and Written Opinion (7 pages) mailed September 27, 2000 for International Application No. PCT/US99/27494
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	C24	Notification of Transmittal of the International Search Report or the Declaration (3 pages) and International Search Report (6 pages) mailed March 13, 2003 for International Application No. PC/US02/33128
	C25	Notification of Transmittal of International Preliminary Examination Report (1 page) and International Preliminary Examination Report (3 pages) mailed April 22, 2004 and Written Opinion (6 pages) mailed September 4, 2003 for International Application No. PCT/US02/33128
	C26	Notes on Consol Presentation (by P. Thakur) made at IOGA PA in Pittsburgh, Pennsylvania on May 22, 2002 (3 pages)
	C27	Notification of Transmittal of the International Preliminary Report of Patentability (1 page) and International Preliminary Report on Patentability (12 pages) mailed January 9, 2006 for International Application No. PCT/US2004/036616
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